

C1
amended.

a stator winding of a high-voltage cable drawn through said first slot, said second slot, and said third slot of said stator, said high-voltage cable having

an insulation system including

a first semiconducting layer,

a solid insulation layer arranged to surround and be in contact with said first semiconducting layer, and

a second semiconducting layer arranged to surround and be in contact with said solid insulation layer; and

a support member positioned in contact with said stator winding, wherein

said first semiconducting layer and said second semiconducting layer are configured

to provide respective equipotential surfaces.

C2

117. (Twice Amended) A rotating electric machine configured to operate at high-voltages comprising:

a high-voltage magnetic circuit having,

a magnetic core, and

a stator winding of a high-voltage cable, said high-voltage cable having,

a conductor configured to carry electrical current and having respective strands,

an inner semiconducting layer arranged to surround and be in contact with said conductor,

a solid insulation layer arranged to surround and be in contact with said inner semiconducting layer, and

an outer semiconducting layer arranged to surround and be in contact with said solid insulation layer; and

c2
end

a support member positioned along and in contact with said stator winding.

c3

119. (Twice Amended) A method for manufacturing a rotating electric machine configured to operate at high-voltages, comprising the steps of:

forming a winding for a stator by positioning a cable in a first slot, a second slot, and a third slot of the stator, said cable being configured to hold a high-voltage and having

an insulation system including

a first semiconducting layer,

a solid insulation layer arranged to surround and be in contact with said first semiconducting layer, and

a second semiconducting layer arranged to surround and be in contact with said solid insulation layer, said first semiconducting layer and said second semiconducting layer providing respective equipotential surfaces; and

inserting an elongated support member axially in at least one of said first slot, said second slot, and said third slot and in contact with said cable.

c4

153. (Twice Amended) A rotating electric machine comprising:

a stator having a first slot, a second slot, and a third slot;

a stator winding of a high-voltage cable disposed in said first slot, said second slot, and said third slot [so as to form a continuous full turn of said stator winding], having

means for conducting an electrical current in said high-voltage cable,

means for electrically insulating said means for conducting, said means for electrically insulating having,

means for creating a first equipotential surface around said means for conducting,